



# **EMS CORE TEAM MEETING**

**29 September 2011**

# Review of FY11 O & Ts

Objective	Target
1. Reduce the impact of solid waste generation	1. Divert 42% of non-hazardous solid waste from the waste stream  2. Divert 52% of construction and demolition debris from the waste stream
2. Reduce electricity use in buildings	1.Reduce energy intensity of facilities by 3% from FY10)  2. Complete design for ECIP Photovoltaic projects
3. Reduce vehicle air emissions and fuel consumption	Reduce use of petroleum products by vehicle fleets by 4% from FY10

Note: Results will be reported in October or November at CEEMRB

# Review of FY11 EAPs

<b>Target:</b> Divert 50% of non-hazardous solid waste from the waste stream by FY15 (FY11 Target: 42%)			
<b>Plan of Action</b>	<b>Responsibility/POC</b>	<b>Status</b>	<b>Completion Date</b>
Conduct review of MCB Butler Solid Waste Contract	QRP Manager	Completed	9 Aug 11
Meet with Facilities Maintenance Officer and Service Contract Section Supervisor to ensure solid waste contractor is properly segregating and diverting all recyclables from the waste stream	QRP Manager		27 Sep 11
Work with contracting officer (RCO or ROICC) to award a fluorescent bulb recycling contract	QRP manager	Completed	21 Sep 11
Organize and conduct a QRP Committee meeting	QRP manager	Completed	19 Sep 11
Conduct research to determine what equipment will streamline and improve recycling center processing	QRP manager	Completed	1 Sep
Purchase and install updated equipment	QRP manager	In-process	31 Dec 11

# Review of FY11 EAPs

**Target:** 60% of construction and demolition debris from the waste stream by FY15 (FY11 Target: 52%)

Plan of Action	Responsibility/POC	Status	Completion Date
Meet with ROICC to ensure new MAC contract includes requirement to divert construction and demolition debris from waste stream	QRP Manager	Complete	September 2010
Ensure environmental staff reviews and comments on all construction/renovation/demolition contracts that construction and demolition debris must be diverted	QRP Manager	Not started	As soon as agreement is made between EAB and ROICC
Update contractor/vendor packet and distribute to all contracting agencies to include solid waste diversion/recycling requirements	EMS Coordinator	Complete	January 2011
Brief ROICC on construction/demolition diversion goals during contractor/vendor training	EMS Coordinator	Complete	January 2011

# Review of FY11 EAPs

**Target:** Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY11 Target: 3% reduction from FY10).

<b>Plan of Action</b>	<b>Responsibility/POC</b>	<b>Status</b>	<b>Completion Date</b>
Enforce A/C shutdown policy from mid December-mid March	Energy Manager	Complete	March 2011
Work with NFESC on obtaining interns to support Energy Conservation Program	Energy Manager	Complete	Mar 2011
Implement a Power Hour campaign	Energy Manager	Complete	April 2011
Prepare an Energy Conservation box for the Foster Library Earth Week celebration	Energy Manager	Complete	April 2011
Finalize scope of work of Resource Efficiency Manager (REM)	Energy Manager	Complete	June 2011
Work with RCO to award REM contract	Energy Manager	Complete	July 2011
Lean Six Sigma Projects - Evaluating designs	Public Works Officer	Complete	July 2011
Lean Six Sigma Project – Develop Base Energy /Water Strategy	Energy Manager	Complete	May 2011

# Review of FY11 EAPs

**Target:** Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY11 Target: 3% reduction from FY10).

<b>Plan of Action</b>	<b>Responsibility/POC</b>	<b>Status</b>	<b>Completion Date</b>
Develop E-Quest templates for common facilities (barracks) to verify energy measures in future renovations	Energy Manager	Complete	Feb 2011
Prepare 1391s for Turbocor chillers	Energy Manager	Complete	Mar 2011
Prepare 1391s for ECIP projects	Energy Manager	Complete	Apr 2011
Award construction wastewater treatment upgrades to increase energy efficiency.	Energy Manager	Complete	Jul 2011
Provide ASHRAE training	Energy Manager	Complete	Aug 2011
Provide Wastewater Treatment Plant Optimization training	Energy Manager	Complete	July 2011

# Review of FY11 EAPs

**Target:** Produce or procure 18.3% of energy consumed by facilities from renewable sources by FY20 (FY11 Target: Complete design for ECIP Photovoltaic projects).

<b>Plan of Action</b>	<b>Responsibility/POC</b>	<b>Status</b>	<b>Completion Date</b>
Complete 1391s for PV projects	Energy Manager	Complete	Apr 2011
Obtain funding	Energy Manager	On-going	
Award contract	Energy Manager	Not-started	

# Review of FY11 EAPs

**Target:** Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY11 Target: 4% from FY10).

Plan of Action	Responsibility/POC	Status	Completion Date
Incorporate MCBJ Anti- Idling Policy into GME SOP MCBJO 11240.5	(b) (6)	Complete	Dec 2010
Introduce 20 Electric Vehicles (EV's) into the Fleet	(b) (6)	Complete - 20 in-service Okinawa 2 CATC Fuji	Oct 2011
Continue to reduce the number of fossil fuel vehicles through Right Sizing the Fleet (MCPJ Policy letter 6-09). Conducting 2 <sup>nd</sup> annual validation.	(b) (6)	Ongoing	Continuous
Continue to maximize use of The Green Line bus service Informational / Promotional Campaign	(b) (6)	Ongoing - In addition to celebrating its 1 <sup>st</sup> decade of service 15 Oct 2011, TGL is celebrated the 11million miles it has driven and ten million passengers it has carried	Continuous



# Review of FY11 EAPs

**Target:** Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY11 Target: 4% from FY10).

Plan of Action	Responsibility /POC	Status	Completion Date
Continue to monitor GME in service vehicles (Road Master Checkpoints – utilization) Addressing Idling and Unofficial Use	(b) (6) (Road Master)	Ongoing Currently revamping/redesigning the Road Master Program. 1 goal is to monitor utilization through checkpoints.	Continuous
Continue to redesign Quality Control Program (Implementation of QC Stations & QC Satellites through Okinawa & CATC Fuji)	(b) (6) (QC Supervisor)	Ongoing – Policy Letter completed Cy10 sourcing of material/supplies. Finalize LSS Project to validate process – redesigning the Dispatch Program with more emphasis on training and inspecting for compliance	Continuous
Continue to utilize technology to maintain records and provide cost effective information to GME users / customers	(b) (6)	In Progress DON Fuel Automated System monitoring individual vehicle fuel use. Electronic Data records on consumption. <a href="#">Home - Drive Green</a>	Continuous

# Annual Practice Inventory and Risk Ranking Review

- All camps updated their practice inventory
- Some new practices were added
- Risk ranking was completed for new aspects and ranking was reviewed for all other aspects by:
  - Installation Safety Office
  - Natural Resources Team
  - Environmental Staff
  - EMS Core Team

# FY12 Significant Aspects

PRACTICE	ASPECT	Score
Building operation	Solid waste generation	45
Building operation	Electricity use	31
Vehicle operations	Spill	31
Materiel storage/handling	Hazardous material use	30
Construction/renovation/demolition	Solid waste generation	25
Building operation	Fuel use	22
Fueling	Air emissions	22
Vehicle operations	Air emissions	22
Vehicle operations	Fuel use	22

# Proposed FY12 EMS Objectives & Targets

Objective	Target
1. Reduce the impact of solid waste generation	<p>1. Divert 50% of non-hazardous solid waste from the waste stream by FY15 (<b>FY12 Target: 44%</b>)</p> <p>2. Divert 60% of construction and demolition debris from the waste stream by FY15 (<b>FY12 Target: 54%</b>)</p>
2. Reduce <b>energy</b> use in buildings	1.Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY12 Target: 3% reduction from FY11)
3. Reduce vehicle air emissions and fuel consumption	1. Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline ( <b>FY12 Target: 3% from FY11</b> )
<b>4. Reduce the impact of HAZMAT storage and usage</b>	

*Note: O&Ts established in FY09 and FY10 for vehicle spills. Due to the success of procedures and spill kits in government vehicles, recommend not establishing O&T for this in FY12.*

# Annual Policy Review

- Review MCBJ Environmental Policy
- Should policy now become MCB Butler or MCIPAC?
- One year transition from MCBJ to MCIPAC beginning 1 Oct 2011?
- May need to meet with CG before CEEMRB or reach back to HQMC for guidance

# Annual EMS Audit Results

- One minor non-conformance noted for Emergency Spill Response
- Audit Summary was signed by AC/S FE (by direction) and forwarded to HQMC
- Report is posted on SharePoint

# Benchmark ECE

- Environmental Compliance Evaluation (ECE) – 2012 is Benchmark year
- Will be conducted by HQMC and team of contractors
- 25 Jan – 10 Feb
- Will inspect all camps/training areas and all environmental programs
- Will conduct external audit of EMS

# FY12 CEEMRB Meeting

- Commander's Environmental and Energy Management Review Board (CEEMRB)
- Annual senior management review of EMS and environmental compliance status
- In BEOC with CG and senior staff
- Late October or Early November



# Spill Report Form

MCBJ UER SPILL REPORT	
<b>1. Reporter's Information</b>	
Reporter's Rank/Name: <input type="text"/> Telephone: <input type="text"/>	
Unit: <input type="text"/> Organization: <input type="text"/>	
<b>2. Date and Time of Report:</b>	
(a) Date: <input type="text"/>	(b) Time: <input type="text"/>
<b>3. Spill/Incident Data:</b>	
(a) Date: <input type="text"/>	(b) Time: <input type="text"/>
(c) Weather Condition: <input type="text"/>	(d) Location: <input type="text"/>
(e) Type of Materials Spilled/Involved: <input type="text"/>	(f) Volume of spilled material: <input type="text"/>
(g) Brief description of spill/incident: <input type="text"/>	
(h) Name of Party(ies) Involved with the Spill/Incident: <input type="text"/>	
<b>4. Countermeasure Data:</b>	
(a) Countermeasures Action Taken to Contain/Cleanup the Spill/Incident: <input type="text"/>	
(b) Volume of Material Recovered: <input type="text"/>	
(c) Name of Party(ies) Involved with the Cleanup Action: <input type="text"/>	
<b>5. Safety &amp; Environmental Impact:</b>	
(a) Person(s) Injured from the Spill/Incident: <input type="text"/>	
(b) Measures Taken to Prevent Recurrence of the Spill/Incident: <input type="text"/>	
(c) Area Affected by the Spill/Incident: <input type="text"/>	
(d) Did Spill go off-base or impact the environment off-base? Yes <input type="text"/> No <input type="text"/> If yes, please explain: <input type="text"/>	
<b>6. Who was notified:</b> <input type="text"/> <b>Date:</b> <input type="text"/> <b>Time:</b> <input type="text"/>	

MCBJ UER Spill Report Form EMSP 11.1.2

- Cancel EMSP 11.1.2 MCBJ UER Spill Report Form and replace it with USFJ FORM 50 SPILL REPORT
- OR
- Translate to Japanese

# QRP Committee Meeting

- First Qualified Recycling Committee Program (QRP) Committee meeting
- 19 Sept 2011
- Good participation and feedback from committee members
- Meeting minutes are posted on SharePoint
- QRP Committee will continue to meet quarterly

# Current Environmental Staffing

- Hiring freeze is having severe affect on Environmental staff (17 GS/WG billets are vacant)
- Loss of
  - Engineers/Scientists
  - Supervisors –Half are gone
  - Trainers
  - Camp staff –Approximately half are gone

# Document Update

- Completed this quarter
  - EMP 2.3 Removal of Refrigerant from Equipment (Bulk Waste) ver 5.
  - EMP 3.16 Camp Kinser Potable Water System Master Plan.
  - EMP 4.11.1 OWS Poster ver 5
  - EMP 4.14 Settleometer Test SOP
  - EMSP 11.1.10 ENV Emergency Response Supplies and Equipment Ver 2
  - JEMMS Looker Manager SOP 22JULY2011
  - EMSP 4.1.1 ver 7 Risk Ranking FY12
  - EMP 13.1.1 Field Training Environmental Management Form
- Currently being updated
  - EMP 7.2 MCCS Festivals and Unit Functions SOP ver 2
  - EMP 7.2.1 Festival-Unit Function Environmental Management Plan Form

# Document Update

- Cancelled this quarter
  - EMP 6.11 SOP Grease Traps and Drums
  - EMP 4.11 OWS SOP ver 2
  - EMSP 11.1.1 USFJ Spill Report Form ver 5 (change from PDF format to word fillable form USFJ FORM 50 SPILL REPORT)
- Emergency Response Plans still in draft
  - MCBJO 5090.2A, Spill Prevention & Response Plan
  - Site Specific Spill Plans
  - SPCC Plans
  - Tsunami SOP
  - OHSPCP

# Document Update

- No longer in service:
  - [https://ww1.mcbbutler.nmci.usmc.mil/FE/env2/env\\_ems.asp](https://ww1.mcbbutler.nmci.usmc.mil/FE/env2/env_ems.asp)
- It will be replaced by:
  - <https://intranet.mcbbutler.nmci.usmc.mil/#>

# Conclusion

- Upcoming events:
  - CEEMRB – Oct or Nov
  - FY12 ECE – 25 Jan – 10 Feb
  - Overseas Environmental Liabilities site visit
    - USTs, HW Storage Areas, Ranges, Asbestos
    - 7-11 November
- Will send minutes to all
- Please brief your chain of command
- Thank you!